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\*Admitted only in Maryland  
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\*Practice Limited to  
Federal Agencies

June 7, 2004

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Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

**Group Art Unit 2812**

Re: U.S. Utility Patent Application  
Appl. No.: 10/673,209; Filed: September 30, 2003  
For: **Methods and Systems to Compensate for a Stitching Disturbance of a Printed Pattern in a Maskless Lithography System Utilizing Overlap Without an Explicit Attenuation**

Inventors: Azat LATYPOV *et al.*  
Our Ref: 1857.2100000

Sir:

Transmitted herewith for appropriate action are the following documents:

1. Original executed Power of Attorney from Assignee;
2. Original executed Statement Under 37 C.F.R. § 3.73(b); and
3. One (1) return postcard.

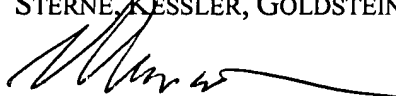
It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

Commissioner for Patents  
June 7, 2004  
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The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Theodore A. Wood  
Attorney for Applicants  
Registration No. 52,374

DJF/TAW:ddc  
Enclosures

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## POWER OF ATTORNEY FROM ASSIGNEE

ASML Holding N.V., a corporation of The Netherlands, having a principal place of business at De Run 6501, NL-5504 DR Veldhoven, The Netherlands, is assignee of the entire right, title, and interest for the United States of America (as defined in 35 U.S.C. §100), by reason of an Assignment to the Assignee executed on 1) September 26, 2003 and 2) September 30, 2003 of an invention known as Methods and Systems to Compensate for a Stitching Disturbance of a Printed Pattern in a Maskless Lithography System Utilizing Overlap Without an Explicit Attenuation, (Attorney Docket No. 1857.2100000), that is disclosed and claimed in a patent application of the same title by the inventors 1) Azat LATYPOV and 2) Karel VAN der MAST (said application filed on September 30, 2003 at the U.S. Patent and Trademark Office, having Application Number 10/673,209).

For the purpose of PAIR, the Customer Number is 26111.

The Assignee hereby appoint the U.S. attorneys associated with **CUSTOMER NUMBER 28393** to prosecute this application and any continuation, divisional, continuation-in-part, or reissue application thereof, and to transact all business in the U.S. Patent and Trademark Office connected therewith, such attorneys currently being: Robert Greene Sterne, Esq., Registration No. 28,912; Edward J. Kessler, Esq., Registration No. 25,688; Jorge A. Goldstein, Esq., Registration No. 29,021; David K.S. Cornwell, Esq., Registration No. 31,944; Robert W. Esmond, Esq., Registration No. 32,893; Tracy-Gene G. Durkin, Esq., Registration No. 32,831; Michele A. Cimbala, Esq., Registration No. 33,851; Michael B. Ray, Esq., Registration No. 33,997; Robert E. Sokohl, Esq., Registration No. 36,013; Eric K. Steffe, Esq., Registration No. 36,688; Michael Q. Lee, Esq., Registration No. 35,239; Steven R. Ludwig, Esq., Registration No. 36,203; John M. Covert, Esq., Registration No. 38,759; Linda E. Alcorn, Esq., Registration No. 39,588; Lawrence B. Bugaisky, Esq., Registration No. 35,086; Donald J. Featherstone, Esq., Registration No. 33,876; Robert C. Millonig, Esq., Registration No. 34,395; Michael V. Messinger, Esq., Registration No. 37,575; Judith U. Kim, Esq., Registration No. 40,679; Timothy J. Shea, Jr., Esq., Registration No. 41,306; Patrick E. Garrett, Esq., Registration No. 39,987.. The Assignees hereby grant said attorneys the power to insert on this Power of Attorney any further identification that may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office.

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FOR: ASML Holding N.V.

SIGNATURE: \_\_\_\_\_

BY: Ton van Hoef

TITLE: Vice President and Chief IP Counsel

DATE: 27 May 2004



**STATEMENT UNDER 37 CFR 3.73(b)**

Docket No. 1857.2100000

Applicant/Patent Owner: Azat LATYPOV et al.

Application No./Patent No.: 10/673,209 Filed/Issue Date: September 30, 2003

Entitled: See 1 in Addendum

ASML Holding, N.Y., a Corporation  
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
  2. ☐ an assignee of less than the entire right, title and interest.  
The extent (by percentage) of its ownership interest is \_\_\_\_\_ % in the patent application patent identified above by virtue of either:
- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the Patent and Trademark Office at Reel 014552, Frame 0357, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
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☐ Additional documents in the chain of title are listed on a supplemental sheet.

☐ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the PTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

27 May 2004

Date

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Telephone number

Ton van Hoef

Typed or printed name

Signature

Vice President and Chief  
Title IP Counsel

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you are required to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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**Addendum for Statement Under 37 C.F.R. § 3.73(b)  
(1857.2100000)**

1. **Methods and Systems to Compensate for a Stitching Disturbance of a Printed Pattern in a Maskless Lithography System Utilizing Overlap Without an Explicit Attenuation**